

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: William O. Giles, et al.

Application No.: 09/917,003

Filed: 07/27/01

Entitled: METHOD AND APPARATUS FOR INTEGRATING AND DISPLAYING REAL-TIME INFORMATION

Duke Energy Gas Transmission Corporation, a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012227, Frame 0611 or for which a copy thereof is

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown

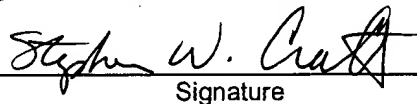
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are **attached**.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the

January 25, 2002  
Date

  
Signature

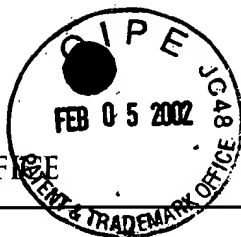
Stephen W. Craft  
Typed or printed name

Vice President, Information Services  
Title

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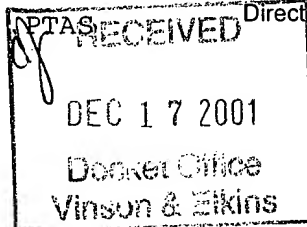
DUK185/4-28

BTBU

DECEMBER 11, 2001

BARRY BUMGARDNER  
2300 FIRST CITY TOWER  
1001 FANNIN STREET  
HOUSTON, TX 77002-6760

Under Secretary of Commerce For Intellectual Property and  
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\*101870532A\*

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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Technology Center 2100

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/02/2001

REEL/FRAME: 012227/0611  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GILES, WILLIAM D.

DOC DATE: 09/10/2001

ASSIGNOR:

MACPHERSON, MARK E.

DOC DATE: 09/10/2001

ASSIGNEE:

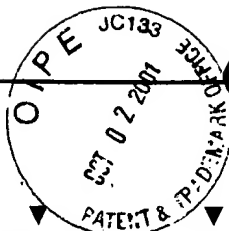
DUKE ENERGY GAS TRANSMISSION CORP.  
5400 WESTHEIMER COURT  
HOUSTON, TEXAS 77056-5310

SERIAL NUMBER: 09917003  
PATENT NUMBER:

FILING DATE: 07/27/2001  
ISSUE DATE:

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
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10-11-2001



101870532

Pat No.: DUK185/4-28

ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

10.2.01

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William D. Giles and Mark E. MacPherson

Additional names(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: September 10, 2001

2. Name and address of receiving party(ies):

Name: Duke Energy Gas Transmission Corp.

Address: 5400 Westheimer Court

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FEB 08 2002

Technology Center 2100

City: Houston

State/Prov.: TX

Country: U.S.

ZIP: 77056-5310

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

09/917,003

July 27, 2001

10/04/2001 SDIRETA1 00000048 09917003

01 FC:581

40.00

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Barry Bumgardner

Registration No. 38,397

Address: 2300 First City Tower

1001 Fannin Street

City: Houston

State/Prov.: TX

Country: U.S.

ZIP: 77002-6760

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

22-0365

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Barry Bumgardner

Name of Person Signing

Signature

09/19/01

Date

4

Total number of pages including cover sheet, attachments, and document:

## ASSIGNMENT

WHEREAS, I am a co-inventor of the invention(s) described in the United States patent application entitled "**METHOD AND APPARATUS FOR INTEGRATING AND DISPLAYING REAL-TIME INFORMATION RELATED TO NATURAL GAS PIPELINES**" accompanying this Assignment (the "Invention" and "Patent Application");

WHEREAS, Duke Energy Gas Transmission Corp. ("Duke"), a North Carolina corporation, is desirous of acquiring the entire right, title and interest in and to the Invention throughout the world, and all right, title and interest in and to any and all patents for such invention, including any and all United States patents and all other foreign patents throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign, and transfer to Duke all right, title and interest, throughout the world, in and to the Invention, the Patent Application, and any and all divisions, continuations, and reissues thereof, and any and all U.S. and foreign patents which may be granted therefor, the same to be held and enjoyed by Duke for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all U.S. patents for the Invention or resulting from the Patent Application and from any and all divisions, continuations, and reissues thereof, to Duke as assignee of my entire interest, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

I further agree that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the Invention and to such patent as may be granted therefor, to Duke, its successors, assigns, or other legal representatives and that if Duke its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such patent, or to file a disclaimer relating thereto, I will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of Duke, its successors, or other legal representatives.

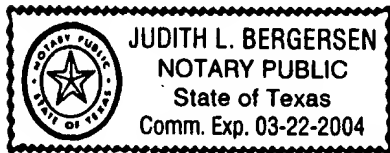
STATE OF TEXAS

COUNTY OF Harris

§  
§  
§

BEFORE ME, the undersigned authority, on this day personally appeared **William D. Giles**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 10<sup>th</sup> day of September, 2001.



Judith L. Bergersen  
Notary Public in and for the State of Texas

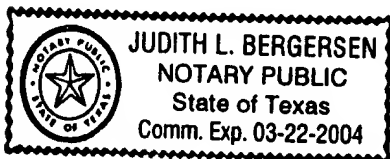
STATE OF TEXAS

COUNTY OF Harris

§  
§  
§

BEFORE ME, the undersigned authority, on this day personally appeared **Mark E. MacPherson** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 10<sup>th</sup> day of September, 2001.



Judith L. Bergersen  
Notary Public in and for the State of Texas

I do further agree that I will, at any time upon request, communicate to Duke, its successors, assigns or other legal representatives, such facts relating to the Invention, the Patent Application, or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of Duke, its successors, or other legal representatives.

EXECUTED THIS 10 day of September, 2001.

William D. Giles

William D. Giles

Mark E. MacPherson

Mark E. MacPherson

Dallas:452214.1